

INTERNATIONAL SEARCH REPORT

 Int. Application No
 PCT/IB2004/052409

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 G09G3/34

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED
 Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 G09G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 531 997 B1 (GATES HOLLY G ET AL) 11 March 2003 (2003-03-11)	12-14, 17
A	column 2, lines 22-53; figures 3A-3F, 9A, 11	1-11, 16
Y	column 3, lines 34-67	15
	column 5, lines 1-9, 24-28	
	column 8, lines 1-13	
	column 28, lines 17-65	
	column 30, lines 52-59	
Y	WO 03/079323 A (KONINKLIJKE PHILIPS ELECTRONICS N.V.; ZHOU, GUO-FU; JOHNSON, MARK, T; H) 25 September 2003 (2003-09-25) page 7, lines 12-24; figures 6, 11 page 11, lines 9-19	15
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

9 February 2005

Date of mailing of the international search report

17/02/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 03/044765 A (E INK CORPORATION) 30 May 2003 (2003-05-30) page 13, lines 1-14; figures 8,9 page 19, lines 16-26 page 33, lines 26-31 page 41, line 12 - page 42, line 19 page 45, line 3 - page 46, line 8 page 47, line 11 - page 48, line 22 page 56, lines 3-6 -----	1-17
A	US 2002/005832 A1 (KATASE MAKOTO) 17 January 2002 (2002-01-17) the whole document -----	1-17
P,A	WO 03/100757 A (KONINKLIJKE PHILIPS ELECTRONICS N.V; ZHOU, GUOFU; JOHNSON, MARK, T) 4 December 2003 (2003-12-04) abstract; figures 4A-6D -----	1-17

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☒ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-11

Electrophoretic display being able to present at least four different optical states wherein the reset portion comprises: a standard reset portion that is adjusted according to the distance that the particles have to move to reach an extreme optical state, and an over-reset portion.

2. claim: 16

Application of additional shaking pulses during the time allocated to the standard reset period when the standard reset pulse is not applied.

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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			US 2003137521 A1	24-07-2003
			US 2005001812 A1	06-01-2005
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			AU 2003253703 A1	29-09-2003
			EP 1490858 A1	29-12-2004
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			EP 1446791 A2	18-08-2004
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			EP 1490858 A1	29-12-2004
			WO 03079323 A1	25-09-2003
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			WO 03100757 A1	04-12-2003
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			WO 2004066257 A1	05-08-2004